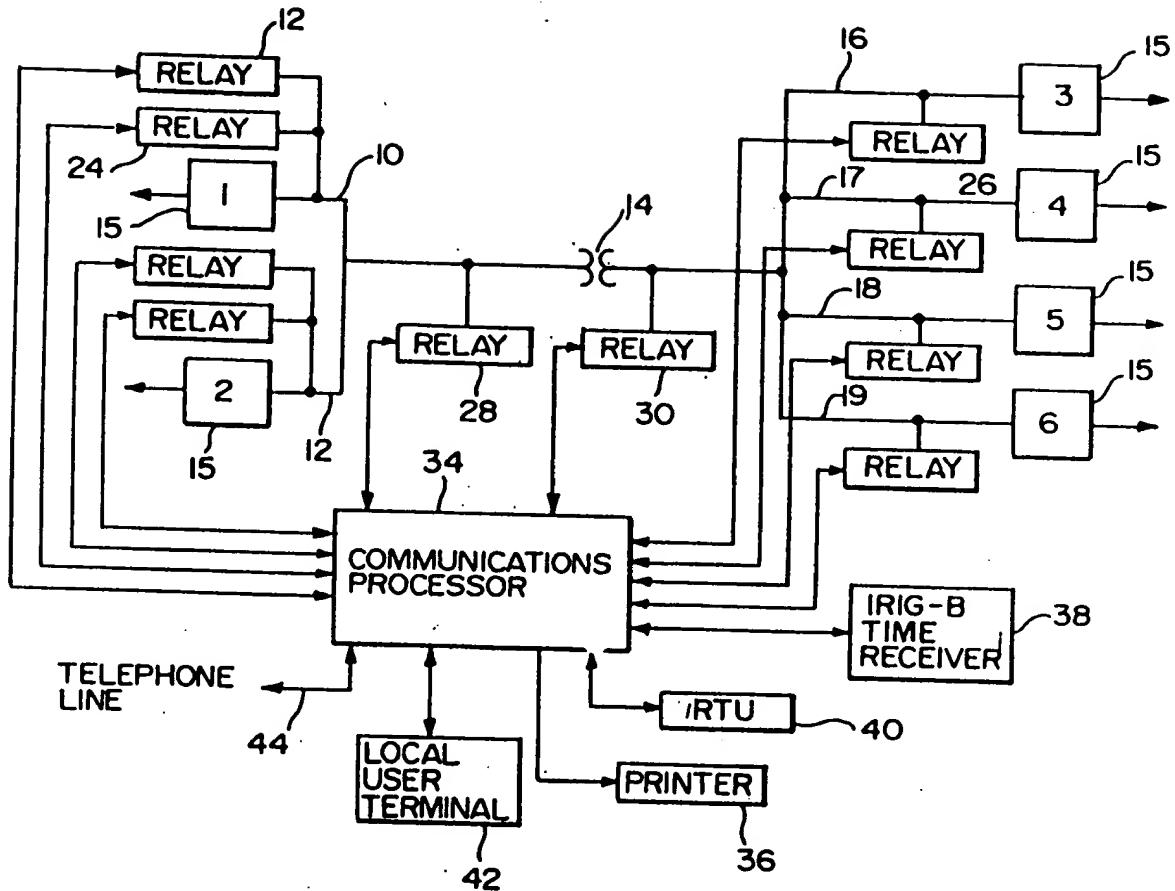


FIG. 1

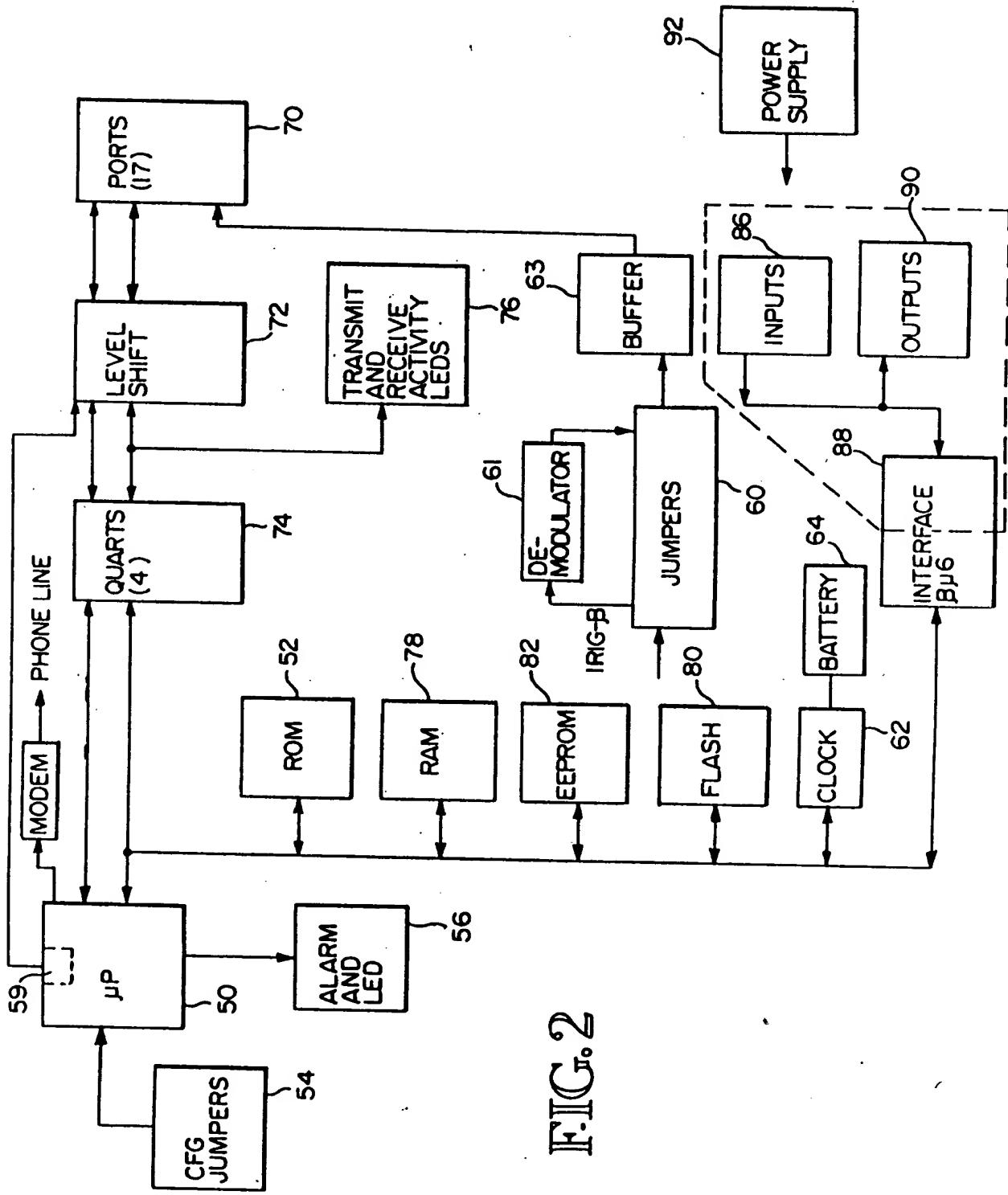


LEVEL

ISR

7 (HIGHEST)	CLOCK HANDLING ISR (EVERY 1.0 Msec.)
6	FRONT PANEL SERIAL ISR
5	PORTS 13-16 ISRs
4	PORTS 9-12 ISRs
3	PORT 5-8 ISRs
2	PORT 1-4 ISRs
1 (LOWEST)	PERIODIC INTERRUPT TIMER ISR (EVERY 3.4 Msec.)

FIG. 4



F.I.C._o2

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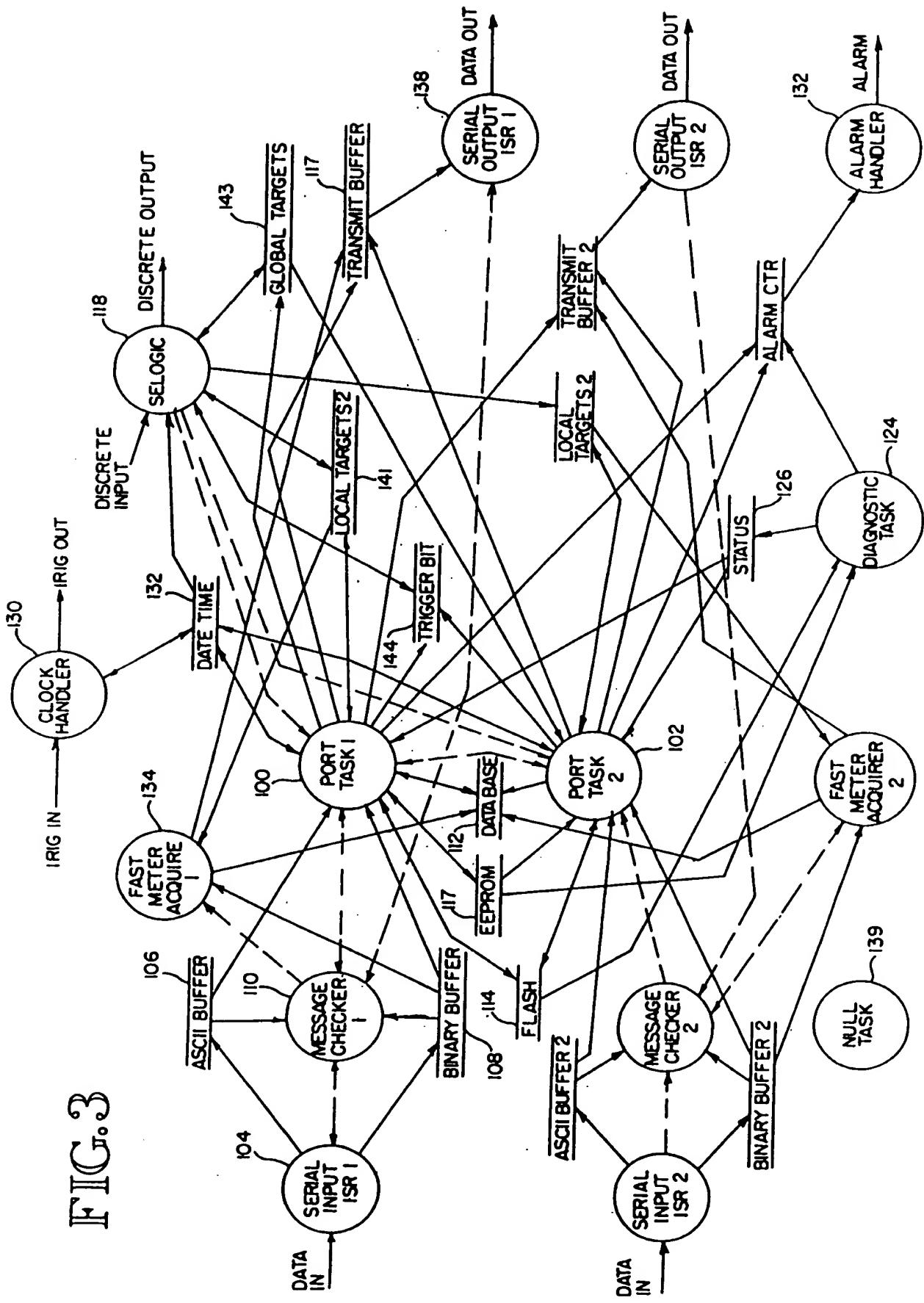


FIG.5A

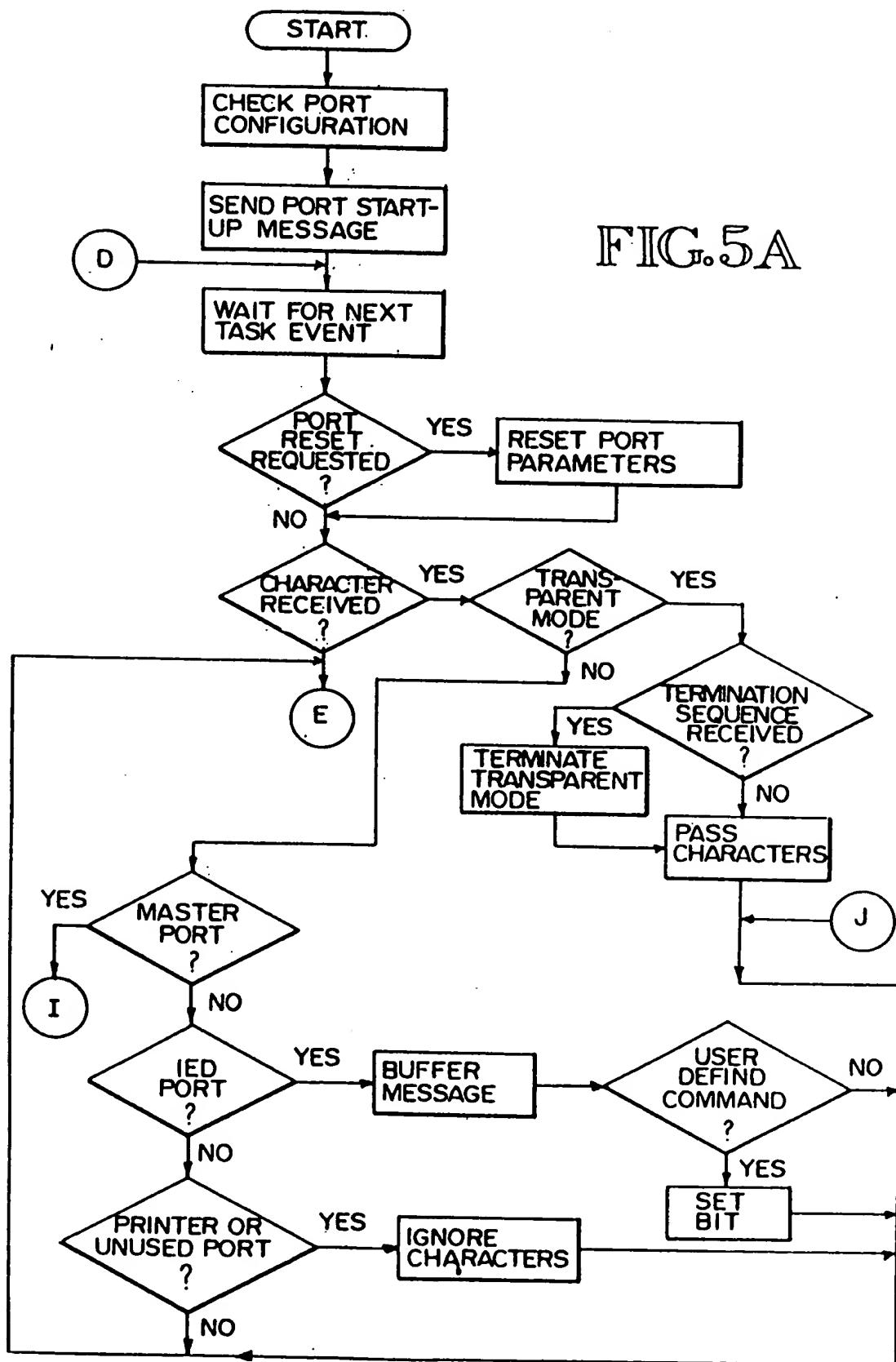
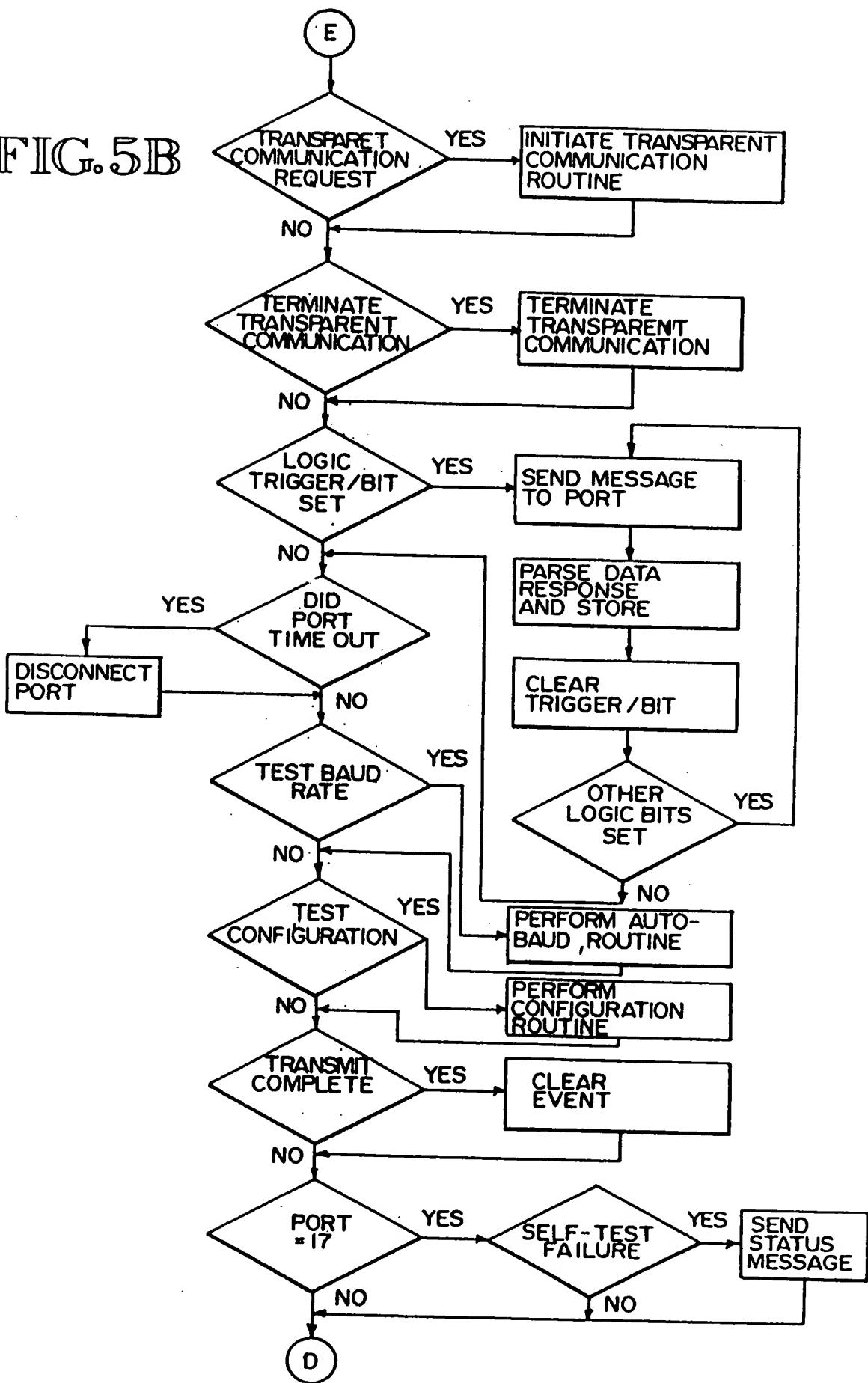


FIG. 5B



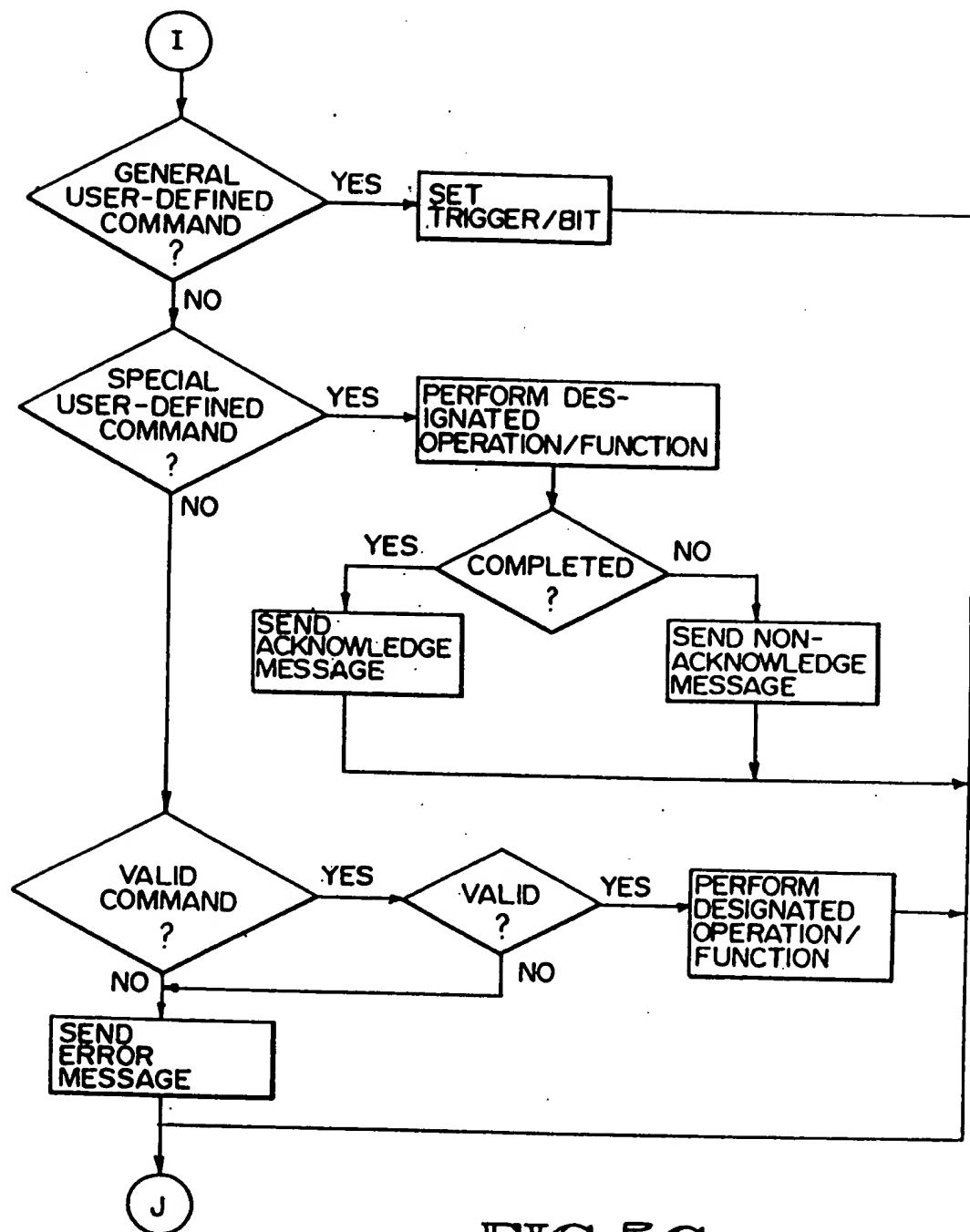


FIG.5C

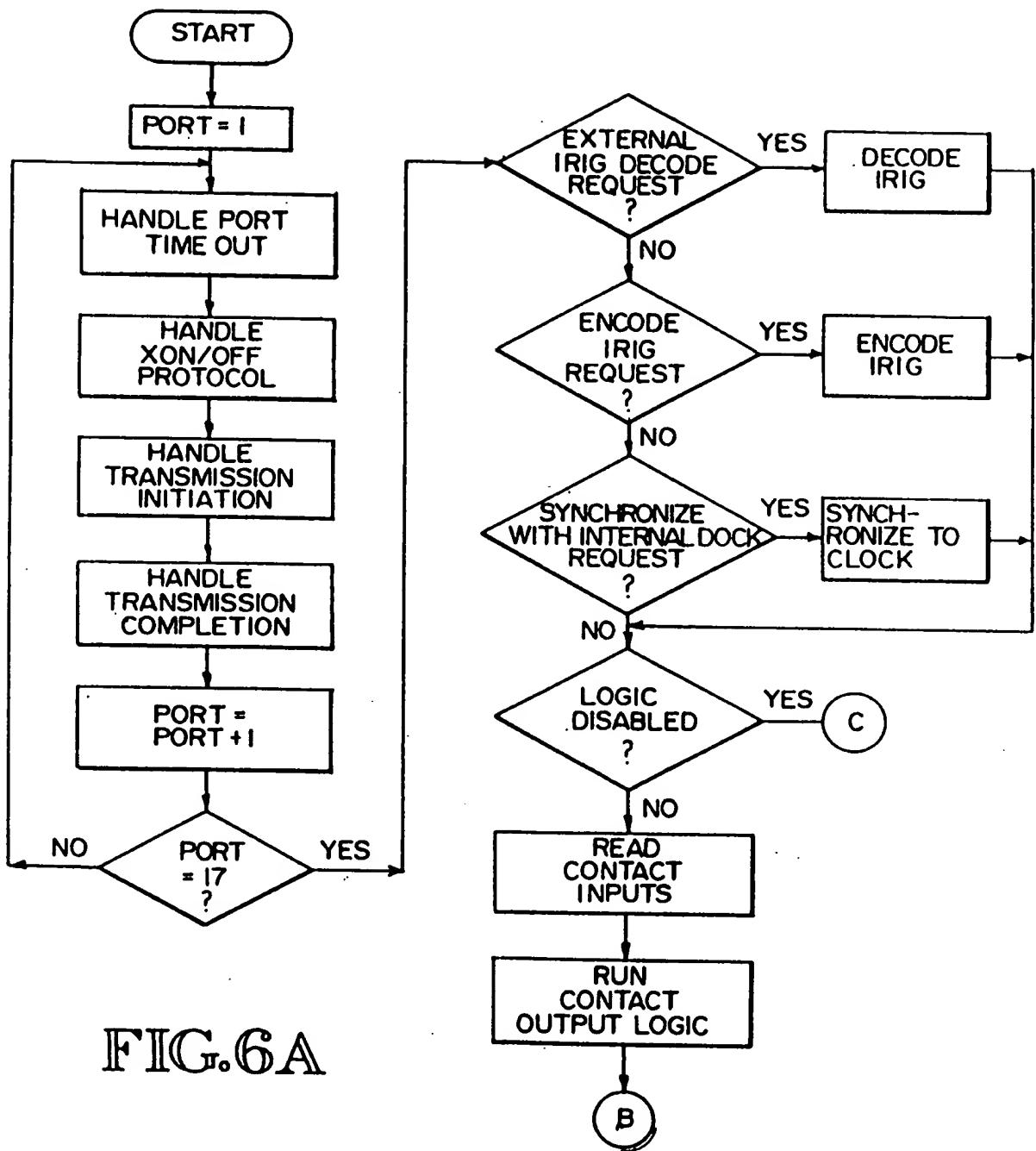


FIG. 6A

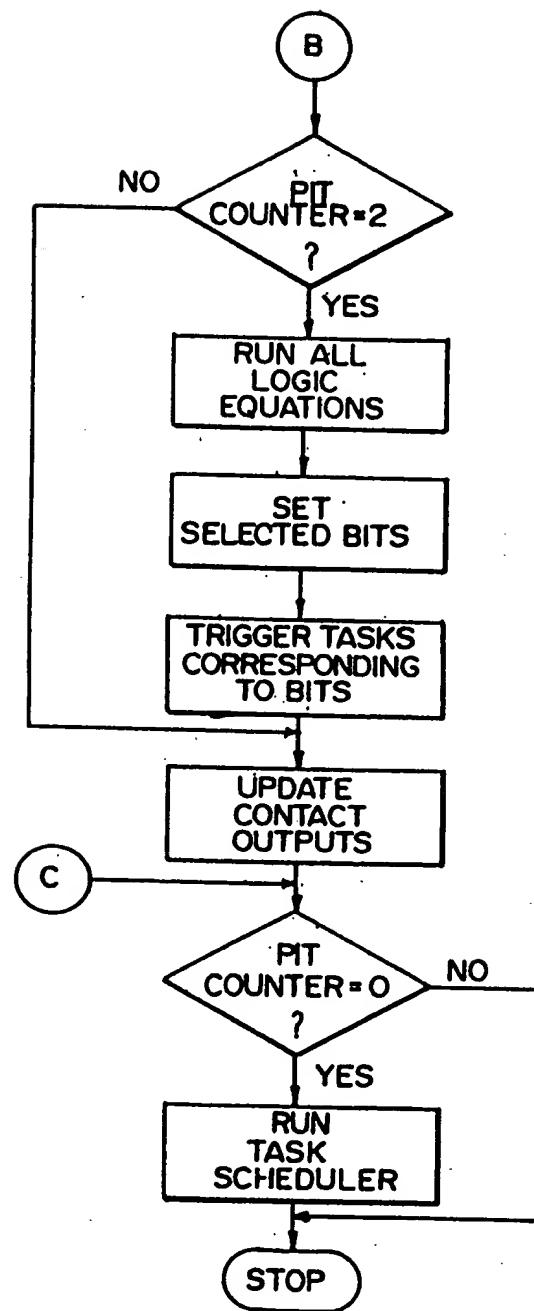


FIG.6B